

III. LIST OF THE HYMENOPTERA COLLECTED ON THE  
ISLE OF PINES BY G. A. LINK, SR., 1912-1913,  
AND CONTAINED IN THE CARNEGIE MUSEUM.<sup>1</sup>

Family BRACONIDÆ.

Genus MICROBRACON Ashmead.

1. **Microbracon centralis** (Cresson).

Two specimens taken at Nueva Gerona, September, 1912.

2. **Microbracon exiguus** (Cresson).

Two examples caught at Nueva Gerona, September, 1912.

Genus CHELONUS Panzer.

3. **Chelonus insularis** Cresson.

Three examples captured at McKinley, July 24, 1912.

Family ICHNEUMONIDÆ.

Genus THYREODON Brullé.

4. **Thyreodon grandis** Cresson.

One specimen taken at Nueva Gerona, June 1, 1912.

Genus JOPPIDIUM Walsh.

5. **Joppidium** sp.?

One example taken at Los Indios, November, 1912. (May be new, but more material needed. *S. A. Rohwer.*)

Genus ANOMALON Panzer (*non auctorum*).

6. **Anomalon fuscatum** (Cresson).

One specimen taken at Columbia, August; six caught at Nueva Gerona, September 10, 1912.

<sup>1</sup> The hymenoptera brought back by Mr. Link were arranged and listed by the undersigned, who in some instances affixed determinations to them. They were then submitted to Mr. S. A. Rohwer, of the United States National Museum, who is today one of our leading authorities upon this group of insects. The determinations given in this list are to be credited to Mr. Rohwer, who, while refusing to accept the authorship of the list, did so much of the work that it does not seem proper that credit should be assumed by the writer.—*W. J. Holland.*

7. **Anomalon basale** (Cresson).

Three specimens captured at Nueva Gerona, September 12, 1912.  
(Very probably the same as *A. fuscatum*. S. A. Rohwer.)

## Genus ITOPLECTIS.

8. **Itoplectis** sp.?

One example taken at Nueva Gerona, September 10, 1912.

## Genus MESOSTENUS.

9. **Mesostenus** sp.?

A single individual taken at McKinley, July 24, 1912. (May be new. S. A. Rohwer.)

## Family CHALCIDIDÆ.

## Genus SPILOCHALCIS Thomson.

10. **Spilochalcis** sp.?

Three, Nueva Gerona, August 12, 1912.

11. **Spilochalcis** sp.

Two, Nueva Gerona, August 12.

12. **Spilochalcis** sp.

One, Nueva Gerona, July 25.

13. **Spilochalcis** sp.

One, Nueva Gerona, July 25, 1912.

14. **Spilochalcis flavopicta** (Cresson).

One, McKinley, July 24.

15. **Spilochalcis nigropicta** (Cresson).

Four specimens, taken at Nueva Gerona, September; and one caught at McKinley, July 24, 1912.

## Subfamily EUCHARINÆ.

## 16. Genus? sp.?

One taken at Nueva Gerona, September 11.

## Family FORMICIDÆ.

## Genus ATTA Fabricius

17. **Atta insularis** Guérin.

One worker taken at Los Indios, November.

## 18. Genus? sp.?

One specimen, Nueva Gerona, August 12, 1912.

## 19. Genus? sp.?

One example, Nueva Gerona, July 27, 1912.

## Family MUTILLIDÆ.

## Genus MUTILLA Linnæus.

20. *Mutilla nigriceps* Cresson(?).

Two specimens from Los Indios, one taken in October, the other in November. (These specimens were compared by Dr. Holland with the type, and considered by him as the same species. The description given by Cresson calls for fourth and following segments to have black pubescence. In these specimens the fourth and fifth have ochraceous pubescence, like the third, while the sixth has black pubescence. *S. A. Rohwer.*)

## Family TIPHIIDÆ.

## Genus TIPHIA Fabricius.

21. *Tiphia* sp.

One male caught at Nueva Gerona, August 12, 1912. (Probably represents a new species, but it is very unwise to describe new species in this genus from males only. *S. A. Rohwer.*)

## Family SCOLIIDÆ.

## Genus CAMPSOMERIS Guérin.

22. *Campsomeris trifasciata* (Fabricius).

Twenty-two specimens taken at Nueva Gerona from June to September.

23. *Campsomeris atrata*.

Seventeen specimens caught at Nueva Gerona in July.

## Family EUMENIDÆ.

## Genus EUMENES Latreille.

24. *Eumenes ferruginea* Cresson.

Four specimens taken at Nueva Gerona, July and August.

## Genus PACHYDYNERUS Saussure.

25. *Pachydynerus simplicicornis* Saussure.

One captured at Nueva Gerona in June, and three taken at Los Indios in October and November.

## Family VESPIDÆ.

## Genus POLISTES Latreille.

26. *Polistes lineatus* (Fabricius).

Six examples, Nueva Gerona, June, July, and August.

27. *Polistes minor* (Palisot de Beauvois).

Eight specimens from Nueva Gerona and one from McKinley taken in July and August.

28. *Polistes carnifex* (Fabricius).

Twelve, Nueva Gerona, June, July, and August.

## Family CEROPALIDÆ.

## Genus PEPSIS Fabricius.

29. *Pepsis ruficornis* Fabricius.

Seven individuals, Nueva Gerona, June, July, and August.

30. *Pepsis ornata* Lepeletier de Saint Fargeau.

Sixteen specimens, Nueva Gerona, May to August.

31. *Pepsis marginata* Palisot de Beauvois.

Eight specimens, Nueva Gerona, May to August.

## Genus POMPILOIDES Radoszkowski.

32. *Pompiloides æneopurpurea* Fox.

One example, Nueva Gerona, August 12, 1912.

## Family PEMPHREDONIDÆ.

## Genus MIMESA Shuckard.

33. *Mimesa argentifrons* Cresson.

One male, Nueva Gerona, August 12; one male taken at McKinley, July 24, one male captured at Santa Fé, July 28, 1912.

## Family SPHECIDÆ.

## Genus SCELIPHON Klug.

34. *Sceliphron cæmentarium* (Drury).

One specimen, Los Indios, November, 1912.

35. *Sceliphron fasciatum* Lepeletier de Saint Fargeau.

Three specimens, two taken at Nueva Gerona in June, and one at Los Indios in November, 1912.

## Genus SPHEX Linnæus.

36. *Sphex guerinii* Dalla Torre.

One, taken at Nueva Gerona, August 12, 1912.

## Genus PRIONONYX Dahlbom.

37. *Priononyx thomæ* (Fabricius).

One, Nueva Gerona, July 1, 1912.

Genus *AMMOBIA* Billberg.

38. *Ammobia auriflua* Perty.

Three, Nueva Gerona, June and July, 1912.

Family PHILANTHIDÆ.

Genus *CERCERIS* Latreille.

39. *Cerceris zonata* Cresson.

Four examples, the dates of capture ranging from July 25 to August 12, 1912.

Family BEMBECIDÆ.

Genus *STICTIA* Rossi.

40. *Stictia signata* (Linnæus).

Twenty-six specimens, all taken at Nueva Gerona, two on May 22, all the rest on July 1, 1912.

Family LARRIDÆ.

Genus *TACHYTES* Panzer.

41. *Tachytes argenteipes* Smith.

A specimen taken July 24 and another captured August 12 at Nueva Gerona.

Genus *NOTOGONIDEA* Rohwer.

42. *Notogonidea vinulenta* (Cresson).

Two examples, one female caught on September 10 at Nueva Gerona, the other, a male, taken at Los Indios in November.

Family TRYPOXYLIDÆ.

Genus *TRYPOXYLON* Latreille.

43. *Trypoxylon excavatum* Cresson.

One female taken at Los Indios in November.

Family HALICTIDÆ.

Genus *AGAPOSTEMON* Guérin.

44. *Agapostemon festivus* Cresson.

A specimen taken at McKinley July 24, and seven specimens taken at Nueva Gerona, August 12, 1912.

Genus *AUGOCHLORA* Smith.

45. *Augochlora elegans* Cresson.

A single individual captured at Nueva Gerona September 9.

## Family NOMADIDÆ.

## Genus NOMADA Fabricius.

46. *Nomada tibialis* Cresson.

Appears to be very near *N. tibialis* Cresson. *W. J. Holland.*

One specimen, Nueva Gerona, July 31, 1912. (The ground-color is slightly more intense than Cresson's description would indicate, but otherwise no differences are noted. *S. A. Rohwer.*)

## Family ANTHOPHORIDÆ.

## Genus EXOMALOPSIS Spinola.

47. *Exomalopsis globosa* (Fabricius).

Five specimens taken at Nueva Gerona in August and September.

48. *Exomalopsis pubescens* Cresson.

Two, one captured in August, the other in September, at Nueva Gerona.

49. *Exomalopsis pulchella* Cresson.

Four specimens taken at Nueva Gerona from July to September.

## Family MEGACHILIDÆ.

## Genus MEGACHILE Latreille.

50. *Megachile maura* Cresson.

Four, Nueva Gerona, July and August.

51. *Megachile poeyi* Guérin.

One specimen taken in July and one in September at Nueva Gerona.

52. *Megachile singularis* Cresson.

One male specimen, Nueva Gerona, July.

## Genus CÆLIOXYS Latreille.

53. *Cælioxys rufipes* Guérin.

A single specimen, Nueva Gerona, May 31, 1912.

## Family XYLOCOPIDÆ.

## Genus XYLOCOPA Latreille.

54. *Xylocopa morio* (Fabricius).

Eleven specimens taken at Nueva Gerona, one in March, the others in July and August, and one specimen captured at Los Indios in September.

## Family APIDÆ.

## Genus APIS Linnæus.

55. *Apis mellifica* Linnæus.

Five taken at Nueva Gerona in July.